

**REMARKS****Interview Summary**

This amendment is submitted following the interview conducted November 16, 2005. During the interview, Applicant's attorney (Christopher S.L. Crawford, Reg. No. 51,586) and the Examiner discussed U.S. Patent No. 5,555,618 ("Winkler") and possible claim amendments. No specific agreement was reached during the interview. Applicant thanks the Examiner for the Examiner's time and consideration in discussing the present application and the applied reference to expedite prosecution of the present application.

**New Claims**

Applicant has cancelled the previously pending claims and added new claims 46-65. New claims 46-65 are supported by the original application and, hence, no new matter has been entered.

Applicant respectfully submits that the applied art does not teach or suggest each and every limitation of claims 46-65.

Independent claims 46 and 56 recite:

a solid matrix of fused insulative material surrounding and electrically insulating each of the first and second plurality of conductors thereby forming a lead body, wherein the solid matrix of materials (i) retains each of the first plurality of conductors at the substantially same first radial depth in the lead body, (ii) retains the second plurality of conductors at the substantially same second radial depth in the lead body, the second radial depth being underneath the first radial depth, and (iii) retains each conductor of the first and second plurality of conductors at a prescribed distance from adjacent conductors, wherein the solid matrix of fused insulative material does not possess an inter-layer boundary between the first and second radial depths.

Winkler (U.S. Patent No. 5,555,618) discloses a lead that includes a plurality of layers. *See, e.g.*, FIGURE 10 of Winkler. The plurality of layers are merely produced by "extruding over" the interior layer with another previously constructed layer of plastic. Col. 10, line 60 through col. 11, line 3. In particular, the interlayer delineation can be seen in regard to layers 20 and 44b of FIGURE 10. Thus, the various layers of Winkler are unquestionably structurally distinct and separate layers and, hence, there is no "solid matrix"

that “does not possess an inter-layer boundary between the first and second radial depths” in Winkler as recited by claims 46 and 56.

Kordis (U.S. Patent No. 5,476,495) merely discloses an apparatus in which wires are bundled together and wrapped with Telfon tape. Kordis does not teach or suggest the recited solid matrix of fused insulative material. Kordis also does not teach or suggest the specific arrangement of conductors as recited in claims 46 and 56.

Diaz (U.S. Patent No. 5,824,026) and Brownlee (U.S. Patent No. 5,772,693) are somewhat similar in that Diaz and Brownlee explicitly teach that, when multiple electrically isolated conductors are desired for a lead, a lead should be radially built up thereby providing a separate layer for each conductor. *See* Figure 4 of Diaz and Figure 10 of Brownlee. Diaz and Brownlee do not teach or suggest the recited solid matrix of fused material as recited or the first and second plurality of conductors as recited.

Thus, the applied references (either alone or in combination) do not teach or suggest each and every limitation of claims 46 and 56. Accordingly, Applicant respectfully submits that claims 46 and 56 are patentable over the applied references. Claims 47-55 and 57-65 respectively depend from claims 46 and 56 and are likewise submitted to be patentable.

### Conclusion

Applicant respectfully submits that the application is in condition for allowance and requests the Examiner to pass the application to issue. If the Examiner believes that a telephone call would be helpful to resolve any remaining issues, the Examiner is invited to call Applicant’s attorney Christopher S.L. Crawford (Reg. No. 51,586) at (972) 309-8006.

Applicant believes no fee is due with this response (other than the RCE and extension of time fees addressed in the accompanying papers). However, if any other fee or fee amount is due, please charge Deposit Account No. 06-2380, under Order No. 03-009 from which the undersigned is authorized to draw.

Dated: *December 14, 2005*

Respectfully submitted,

By *R. Ross Viguet*

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